

ABSTRACT OF THE DISCLOSURE

A load test machine includes a base block, at least a pair of posts rising from the base block, a cross head spanning between the pair of posts, and an actuator mounted on the base block or the cross head. The actuator is able to apply a load on a test piece positioned between the cross head and the base block. The cross head is secured to each of the posts via an elastic member, and the elastic member is constructed to be changeable in its jointing position with the cross head or with each of the posts to change a resonance frequency of the test machine.